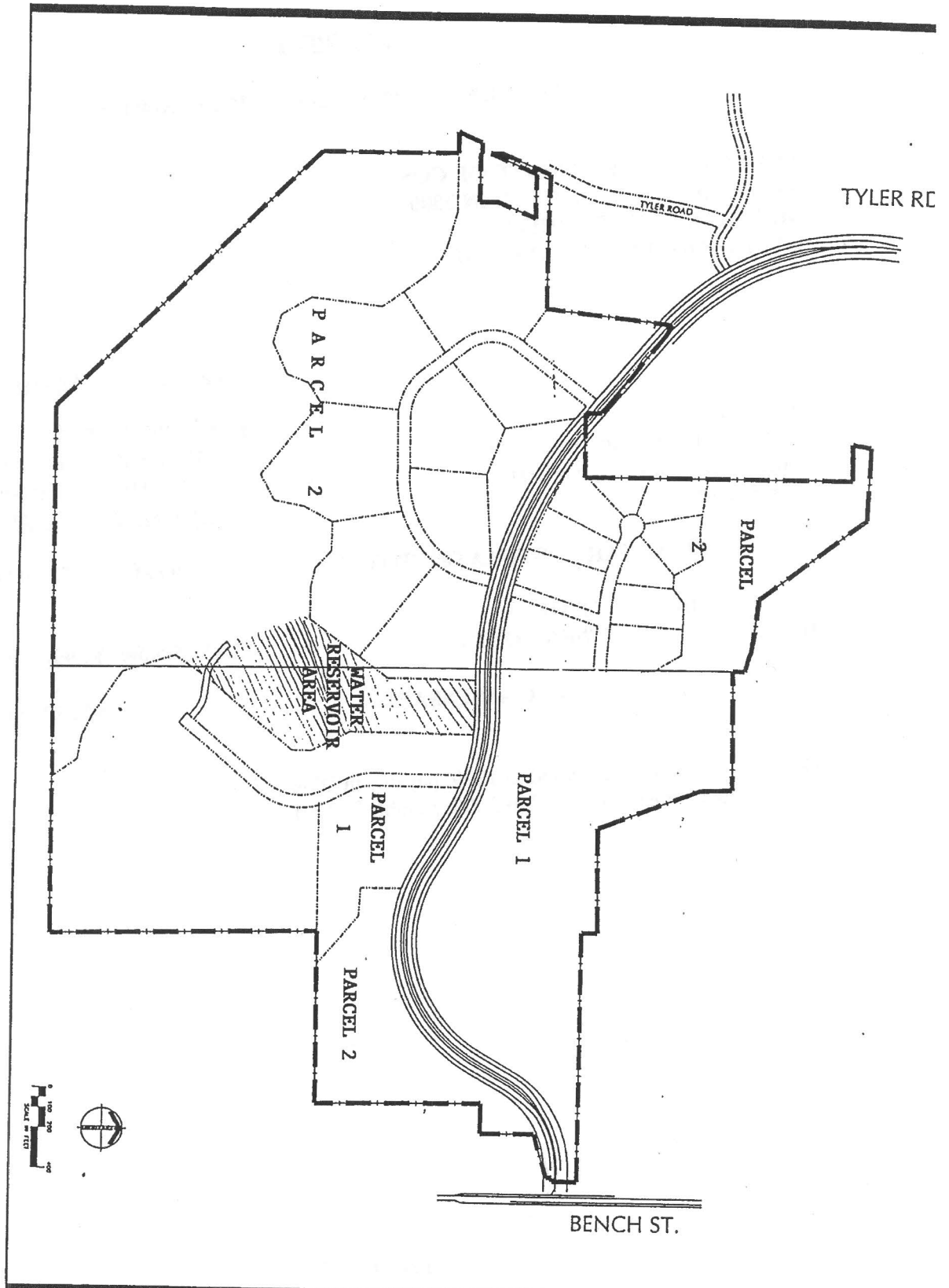


RED WING PORT AUTHORITY
RED WING, MINNESOTA

BOUNDARY MAP



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LITERATURE ABSTRACTS**

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Special Advertising Rates

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EXHIBIT H

Special Assessments for Public Improvements

**PRELIMINARY ESTIMATE OF COST
PHASE II CONSTRUCTION IN 2000
MEDICAL CENTER DRIVE
CITY OF RED WING, MINNESOTA**

		<u>Total Cost</u>	<u>Assessable Portion</u>
Street Improvements	=	\$ 850,000.00	\$ 300,000.00 (p.2)
Lighting Improvement (Luminar)	=	250,000.00	125,000.00
Bituminous Multi-Purpose Trail	=	50,000.00	50,000.00 (p.3)
Contingencies	=	<u>100,000.00</u>	<u>50,000.00</u>

PRELIMINARY ESTIMATED TOTAL COST \$1,250,000.00 \$ 525,000.00

**TOTAL CONSTRUCTION
INCLUDING 1999 & 2000 COSTS = \$3,828,500.00 \$1,994,500.00 (p. 4)**

TOTAL ASSESSABLE = \$2,519,500.00

- 1) "1999" means assessed in 1999, payable in 2000
- 2) "2000" means assessed in 2000, payable in 2001

**PRELIMINARY ESTIMATE OF COST FOR
PHASE II STREET IMPROVEMENTS (2000)
MEDICAL CENTER DRIVE
CITY OF RED WING, MINNESOTA**

	<u>Total Cost</u>	<u>Assessable Portion</u>
13,400 TONS - Bituminous Base/Binder Course @ \$25.00/Ton =	\$ 335,000.00	\$100,000.00
3,300 TONS - Bituminous Wearing Course @ \$28.00/Ton =	92,400.00	67,200.00
100 S.Y. - Valley Gutters @ \$30.00/S.Y. =	3,000.00	1,500.00
2,500 S.Y. - Concrete Median @ \$25.00/S.Y. =	62,500.00	-
25,000 L.F. - Concrete Curb & Gutter @ \$8.00/L.F.=	200,000.00	100,000.00
150 EACH - Trees @ \$500.00/Tree =	75,000.00	-
Engineering & Contingencies =	<u>82,100.00</u>	<u>31,300.00</u>
TOTAL PRELIMINARY ESTIMATED COST	\$850,000.00	\$300,000.00

**PRELIMINARY ESTIMATE FOR
MULTI-PURPOSE TRAIL (2000 CONSTRUCTION)
MEDICAL CENTER DRIVE
CITY OF RED WING, MINNESOTA**

	<u>Total Cost</u>	<u>Assessable Portion</u>
62 RD.STA. - Subgrade Preparation & Sterilization @ \$100.00/Rd. Sta. =	\$ 6,200.00	\$ 6,200.00
1450 C.Y. - Aggregate Base CL.5 @ \$10.00/C.Y. =	14,500.00	14,500.00
825 TONS - Bituminous Wearing Course @ \$25.00/Ton =	20,600.00	20,600.00
Engineering & Contingencies =	<u>8,700.00</u>	<u>8,700.00</u>
PRELIMINARY ESTIMATED TOTAL COST	\$50,000.00	\$50,000.00

**PRELIMINARY ESTIMATE OF COST FOR
1999 CONSTRUCTION ON
MEDICAL CENTER DRIVE
CITY OF RED WING, MINNESOTA**

		<u>Total Cost</u>	<u>Assessable Portion</u>
Sanitary Sewer Main and Service Construction	=	\$ 221,000.00	\$ 221,000.00 (p. 5)
Watermain Construction	=	308,000.00	257,000.00 (p. 6)
Storm Sewer Construction	=	399,500.00	399,500.00 (p.7)
Street Improvements (Phase I Grading/Aggregate)	=	1,500,000.00	950,000.00 (p. 8)
Contingencies	=	<u>250,000.00</u>	<u>167,000.00</u>

PRELIMINARY ESTIMATED TOTAL COST \$2,678,500.00 \$1,994,500.00

**PRELIMINARY ESTIMATE OF COST FOR
SANITARY SEWER AND SERVICES (1999)
MEDICAL CENTER DRIVE
CITY OF RED WING, MINNESOTA**

	<u>Total Cost</u>	<u>Assessable Portion</u>
2 EACH - Cut-in/Connect-to existing MH @ \$500.00/Each	= \$ 1,000.00	\$ 1,000.00
6,700 L.F. - 8" PVC SDR 26 Sanitary Sewer @ \$18.00/L.F.	= 120,600.00	120,600.00
700 L.F. - 6" PVC SDR 26 Services @ \$15.00/L.F.	= 10,500.00	10,500.00
10 EACH - 8" x 6" Heavy Duty Wyes @ \$100.00/Each	= 1,000.00	1,000.00
1,500 C.Y. - Rock Excavation @ \$30.00/C.Y.	= 45,000.00	45,000.00
15 EACH - Std. Sanitary Manhole @ \$1,500.00/Each	= 22,500.00	22,500.00
Engineering & Contingencies	= <u>20,400.00</u>	<u>20,400.00</u>
PRELIMINARY ESTIMATED TOTAL COST	\$221,000.00	\$221,000.00

**PRELIMINARY ESTIMATE OF COST FOR
WATERMAIN CONSTRUCTION (1999)
MEDICAL CENTER DRIVE
CITY OF RED WING, MINNESOTA**

	<u>Total Cost</u>	<u>Assessable Portion</u>
2 EACH - Cut-in/Connect-to existing Watermain @ \$500.00/Each	= \$ 1,000.00	
6,300 L.F. - 12" DIP Watermain @ \$22.00/L.F.	= 138,600.00	\$ 25,200.00
500 L.F. - 10" DIP Watermain @ \$20.00/L.F.	= 10,000.00	1,000.00
500 L.F. - 8" DIP Watermain @ \$18.00/L.F.	= 9,000.00	
500 L.F. - 6" DIP Watermain @ \$16.00/L.F.	= 8,000.00	
6 EACH - Std. Fire Hydrants @ \$1,500.00/Each	= 9,000.00	
16 EACH - 12" MJGV-RS & Box @ \$1,200.00/Each	= 19,200.00	9,600.00
6 EACH - 10" MJGV-RS & Box @ \$800.00/Each	= 4,800.00	1,200.00
5 EACH - 8" MJGV-RS & Box @ \$600.00/Each	= 3,000.00	
6 EACH - 6" MJGV-RS & Box @ \$500.00/Each	= 3,000.00	
14,700 LBS. - Ductile Iron Pipe Fittings @ \$2.00/Lb.	= 29,400.00	9,400.00
1,500 C.Y. - Rock Excavation @ \$30.00/C.Y.	= 45,000.00	
Engineering & Contingencies (10-15%)	= <u>28,000.00</u>	<u>4,600.00</u>
TOTAL PRELIMINARY ESTIMATED COST	\$308,000.00	\$257,000.00

**PRELIMINARY ESTIMATE OF COST FOR
STORM SEWER EXTENSION (1999)
MEDICAL CENTER DRIVE
CITY OF RED WING, MINNESOTA**

	<u>Total Cost</u>	<u>Assessable Portion</u>
1 L.S. - Remove Culvert & Headwall @ \$5,000.00/L.S.	= \$ 5,000.00	\$ 5,000.00
1 L.S. - Salvage RCP @ Apron @ \$2,000.00/L.S.	= 2,000.00	2,000.00
1 EACH - Cut-in to existing Manhole @ \$1,000.00/Each	= 1,000.00	1,000.00
1 EACH - Connect to existing Culvert @ \$1,000.00/Each	= 1,000.00	1,000.00
1,150 L.F. - 54" RCP Storm Sewer @ \$110.00/L.F.	= 126,500.00	126,500.00
500 L.F. - 48" RCP Storm Sewer @ \$90.00/L.F.	= 45,000.00	45,000.00
500 L.F. - 42" RCP Storm Sewer @ \$70.00/L.F.	= 35,000.00	35,000.00
500 L.F. - 36" RCP Storm Sewer @ \$50.00/L.F.	= 25,000.00	25,000.00
200 L.F. - 24" RCP Storm Sewer @ \$30.00/L.F.	= 6,000.00	6,000.00
2,200 L.F. - 18" RCP Storm Sewer @ \$25.00/L.F.	= 55,000.00	55,000.00
300 L.F. - 15" RCP Storm Sewer @ \$20.00/L.F.	= 6,000.00	6,000.00
300 L.F. - 12" RCP Storm Sewer @ \$15.00/L.F.	= 4,500.00	4,500.00
1 EACH - 15" R.C. Pipe Apron @ \$500.00/Each	= 500.00	500.00
10 EACH - 18" R.C. Pipe Apron @ \$700.00/Each	= 7,000.00	7,000.00
12 EACH - Std. Catch Basin @ \$800.00/Each	= 9,600.00	9,600.00
10 EACH - Std. 4' Dia. Manhole-Catch Basin @ \$1,000.00/Each	= 10,000.00	10,000.00
6 EACH - Std. 6' Dia. Manhole-Catch Basin @ \$2,000.00/Each	= 12,000.00	12,000.00
1 EACH - Std. 8' Dia. Manhole @ \$3,000.00/Each	= 3,000.00	3,000.00
1 EACH - Std. 6' Dia. Manhole @ \$2,000.00/Each	= 2,000.00	2,000.00
1 EACH - Std. 4' Dia. Manhole @ \$1,000.00/Each	= 1,000.00	1,000.00
200 C.Y. - Random Riprap @ \$30.00/C.Y.	= 6,000.00	6,000.00
Engineering & Contingencies	= <u>36,400.00</u>	<u>36,400.00</u>
PRELIMINARY ESTIMATED TOTAL COST	\$399,500.00	\$399,500.00

**PRELIMINARY ESTIMATE OF COST FOR
PHASE I GRADING & STREET IMPROVEMENTS
MEDICAL CENTER DRIVE
CITY OF RED WING, MINNESOTA**

		<u>Total Cost</u>	<u>Assessable Portion</u>
1 L.S. - Right-of-Way Acquisition	=	\$ 50,000.00	25,000.00
1 L.S. - Clear & Grub @ \$50,000.00/L.S.	=	50,000.00	35,000.00
210,000 C.Y. - Common Excavation			
@ \$3.00/C.Y.	=	630,000.00	420,000.00
15,000 C.Y. - Rock Excavation @ \$20.00/C.Y.	=	300,000.00	200,000.00
24,000 C.Y. - Aggregate Base CL.5			
@ \$10.00/C.Y.	=	240,000.00	120,000.00
20 ACRES - Seeding @ \$200.00/Acre	=	4,000.00	3,000.00
2,000 LBS. - Seed Mixture #500 w/Oats			
@ \$2.00/Lb.	=	4,000.00	3,000.00
4 TONS - Commercial Fertilizer			
@ \$300.00/Ton	=	1,200.00	900.00
40 TONS - Type I Mulch @ \$200.00/Ton	=	8,000.00	6,000.00
10,000 S.Y. - Sodding @ \$2.00/S.Y.	=	20,000.00	19,000.00
1,000 EACH - Bale Checks @ \$5.00/Each	=	5,000.00	5,000.00
10,000 L.F. - Heavy Duty Silt Fence			
@ \$3.00/L.F.	=	30,000.00	30,000.00
Engineering & Contingencies	=	<u>157,800.00</u>	<u>88,100.00</u>
TOTAL PRELIMINARY ESTIMATED COST		\$1,500,000.00	\$950,000.00

**PRELIMINARY ESTIMATE OF COST
WATER TANK & BOOSTER STATION
MEDICAL CAMPUS/TECHNICAL PARK
CITY OF RED WING, MINNESOTA**

500,000 Gallon Elevated Tank \$1.10/gallon	=	\$ 550,000.00
Booster Station & Controls	=	150,000.00
Feeder Line	=	50,000.00
Engineering & Contingencies	=	<u>50,000.00</u>

PRELIMINARY ESTIMATED TOTAL COST \$800,000.00

All of the costs of the Water Tower & Booster Station are assessable.